

(FDD 22291)

Mutual Relation of Animal and Vegetable Nerve
Systems in the Pathogenesis and Mechanism of the
Treatment of Schizophrenia, by J. S. Popov, 18 pp.

CZECH, bk, Sovetski Lekari v CSR, Prague, 1951,
pp 187-197.

CIA/FDD/U-6835

EEur - Czechoslovakia
Scientific - Medicine, misc.

21/768

CTS 64/Jan 55

(FDD 22292)

Some Peculiarities of Schizophrenic Thinking
and Its Probable Pathophysiological Mechanism
From the Standpoint of I. P. Pavlov, by J. S.
Popov, 13 pp.

CZECH, bk, Sovetski Lekari v CSHR, Prague, 1951,
pp 198-205.

CIA/FDD/U-6836

EBur - Czechoslovakia
Scientific - Medicine, misc.

21,764
CTS 64/Jan 55

(FDD 22290)

The Role of Suppressed Utterances in Clinical
Treatment of Mental Diseases, by J. S. Popov,
12 pp.

CZECH; bk, Sovetski Lekari v CSR, Prague, 1951,
pp 180-186.

CIA/FDD/U-6834

EEur - Czechoslovakia
Scientific - Medicine, misc.

21,763

CTS 64/Jan 55

Progress in Electric Power Production, 1944-1964,
by K. Ponov, 14pp
BULGARIAN, per, Elektroenergiya, No 7-8, Jul-Aug 64,
pp 2-9
JPRS 27232

Sci-Electronics
Jan 65

271099

Youth on Combat Post, by P. Vasev, J. Popov, P.
Tsankov, I. Angelkov, 4 pp. UNCLASSIFIED

BULGARIAN, np, Narodna Armiya, No 3092, 24 Aug
1958, 29 p 2.

AF 1187347

Kfur - Bulgaria
M11
Jan 59

79,265

(SF-2188)

In the Institute of World Economics and Inter-
National Relations, Academy of Sciences USSR,
by K. Popov, 7 pp.

RUSSIAN, per, Mirnaya Ekon i Mezhd Otnosheniya,
No 3, 1961, pp 151-153.

JPRS 13097

USSR
Econ
Apr 62

192,334

The Mathematical Foundations of the Theory of
Irreversible Thermodynamical Processes, by Kiril
Popov, 18 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz,
Vol XXVIII, Mar 1955, pp 257-282. CIA C 40846

American Inst of Physics
57 East 55 St.
New York 22, N. Y.

Scientific - Physics

31,659

Applying Thermodynamics of Irreversible Processes
to the Phase Theory. The Case of the Two Component
Two-Phase System at Constant Temperature and
Pressure, by Kiril A. Popov. 63

RUSSIAN, per, Zh. Fiz Khim, Vol 32, 1958,
pp 1638-47.

WAPD-tr-57

Kiril A. Popov

Sci - Chem

Oct 67

342,701

On a Single Basic Equation in the Theory of
Irreversible Thermodynamic Processes, by Kiril A.
Popov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 3, pp 422-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

51, 613

Aug 57

Thermodynamics of the Oxidation of Propane -
Oxygen Mixtures at Constant Temperature and
Pressure, by Kirill Popov, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 10,
1959, pp 2121-2127.

Cleaver-Hume Press

Sci
Jul 60

122 270

Measures for Increasing Far Eastern Salmon
Stocks, by K. I. Popov.

RUSSIAN, per, Rybnoye Khoz, Vol XXXIV, No 8,
1958, pp 9, 10.

Dept of Interior
Marine Mammal Research
Fish and Wildlife Service
Sand Point Naval Air Station
Seattle 15, Washington

Sci. - Biol.
Jul 60

1020, 248

92
A Sinter Winding Machine of the OS-627
Type, by I. Sh. Benderski, K. K. Popov.
RUSSIAN, per, Elektricheskaya, No 5,
1964, pp 37-38.
All Ref: 3774.5 1965 (1266)

K. K. Popov

Sci-Engr
June 66

301,514

Melioidosis (False Glanders), by K. N. Popov, 4 pp.

RUSSIAN, no per, Zhur Mikrobiol, Epidemiol i
Immunobiol, Vol XXVIII, No 1, 1957, pp 125-128.

Pergamon Press

Sci - Med
Jun 57

48, 921

(for NIH)

Photoelectric Device For The Rapid Determination Of
Carbon In Ash, by K. N. Popov.

RUSSIAN, PER, Izv. Vuz. Energobiz., Vol 8, No 6,
1965, pp 74-76.

GB 13/4257

K. N. Popov

Sci -
Sep 67

340,043

Production of Top-Grade Ammonium Sulphate, by K. P.
Popov, V. P. Sokolov, 4 pp.

RUSSIAN, per, Koks i Khim, No 8, 1961.

(MIRA

Sci

Feb 62

184,805

Effect of Chromium and Manganese on Brittle
Fracture of Low-Carbon Steel, by V. G. Savitskiy,
K. V. Popov, V. F. Zakharov, G. N. Grigor'yeva.

RUSSIAN, per, Metal 1. Term Obra Metallov, No 9,
1959, pp 49-51.

HB 4974

Sci. Min/Met
Jun 61

156, P20

Directional Diffusion, Due to Deformation, of
Hydrogen in a Solid Solution and Strength of the
Metal, by K. V. Popov, V. A. Yagunova, 5 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VIII,
No 2, 1959, pp 187-192.

PP

Sci

Dec 60

134,916

THE HYDROGEN BRITTLINESS OF IRON-CHROMIUM
ALLOYS AS A FUNCTION OF THE TEMPERATURE AND
THE TESTING RATE, BY V. A. YAGUNOV, K. V. POPOV,
11 PP.

RUSSIAN, PER, FIZ METAL I METALLOV, VOL XII,
NO 2, 1961, PP 176-182. 9665760

FTD-TT-62-444

SCI - CHEN
JUL 62

204,471

Investigation of Dynamic Bending of Steels
by Deformation Diagrams, by V. G. Savitskiy,
K. V. Popov, L. A. Gayvoronskiy, 4 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol VII,
No 1, 1959, pp 133-136.

PP

Sci
Aug 60

124,525

Hydrogen Embrittlement of Steels 20 and 20Kh by
Electrolytic Saturation, by K. V. Popov, V. A.
Yegmova.

RUSSIAN, per, Metal Term Odra Metallov, No 8,
1959, pp 51, 52.

HB 4960

Sci - Chem

Apr 61

147, 441

LIVSHITS, B. G.
POPOV, K. V.

Clarification of Phase Diagram of the Iron-
Chromium-Carbon System.

D
DOKLADY AKADEMII NAUK SSSR, vol 70, 1950, No 4,
pp 633-5; 1550 words.

Brutcher No 2546, \$ 2.70

0 1118

(NY-6104)

A Discussion of Standardized Designing and
Prefabricated Construction, by Khrabur Popov,
Nikola Neshev, Christo Rashenov, 24 pp.

BULGARIAN, per, Arkhitektura, No 6, Dec 1960,
pp 14-18.

JPRS 9540

REur - Bulgaria

ECON

Jul 61

160,274

13
The Most Important Tasks in Bulgarian Electric
Power Production, 1965, by Kr. Konstantin Popov,

5 pp

BULGARIAN, per, Elektroenergiya, No 12, Dec 64,

pp 1-2.

JPRS 29797

EE-Bulgaria

Econ

Apr 65

279,272

Peoples Squads and Red Tape, by L. Popov,
B. Parizhskiy. *J.P.*

RUSSIAN, p np, Leningrad Pravda, No 225 (14171),
21 Sep 1961, p 4.

*ACSI I-2550
ID 2232458
525th MI Bn

USSR
Mil
15 May 63

Sanitary-Chemical Features of Gaseous Products
of a Polymers Membrane from PVC, by
L. Popov, N. Yablochkin.
Doklady, Ser. Chim. Sanit. Vol 37, No 7, 1964,
pp 100-102.
GMD No. 9468

93

sci/ chem

ser 68

383,275

L. Popov

L. A. Popov

State of Coastal Walrus Rookeries
in the Laptev Sea, by L. A. Popov.
RUSSIAN, per, Okhrana Prirody i
Oselania, No 3, 1960, pp 95-104
NTC 72-60187-06C

June 72

120 Po in the human body and in the environment, by 27
A.P. Armatova-Makovskaya, L.A. Popov.
RUSSIAN, rpt. A-AC-82/G/L-1260.
AUC-tp-7030

L.A. Popov

July 49

384-084

ROLE OF AFFILIATES OF THE ACADEMY OF SCIENCES
USSR IN DEVELOPING THE AGRICULTURE OF THE
COUNTRY, BY K. P. DRACHEVSKIY, L. A. POPOV,
6 PP.

RUSSIAN, PER, BYULLETEN' TEKHNIKO-EKONOMICHESKOY
INFORMATSI, NO 7, 1962, PP 78-80.

JPRS 16771

SCI - MISC

JAN 63

218,973

Ordering Atmospheres on Anti-Phase Boundaries in
A B Superstructure (of the β -brass Type), by L. E.
Popov, E. V. Kozlov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physics Sections,
Vol CLVII, No 4-6, Aug 1964, pp 1342-1344.

Amer Inst of Phys
Sov Phys-Doklady
Vol IX, No 3

Sci
Mar 65

278,544

Effect of Quenching Temperature on the Formation
of Short Range Order in Ni-Cr Alloys, by L. E.
Popov, G. I. Karpov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5,
1959, pp 1028-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,700

Bivalent Serum Against Cholera and Erysipelas of
Swine, by G. V. Gorlov, S. G. Molesov, L. P. Popov,
and I. G. Ivanskiy. UNCLASSIFIED

RUSSIAN, no per, Veterinariya, Vol XXIV, No 1,
Jan 1947, p 25.

USDA

12, 106

Scientific - Biology

CTS/DEX

Pathogenesis and Treatment of Respiratory
Disorders in Botulism, by L. M. Popova.
RUSSIAN, per, Klin Med (Moskva), Vol 42,
1964, pp 83-87.
REF NIH 2-83-66 (On Loan)

Sci/BGM
Apr 66

298,834

Ecological Significance of Various Species of
Insects in Turkmen SSR, by L. V. Popov, 8 pp.

19, per. 12 Ak Kauli SSST, Turizmanskogo
No. Vol. XXII, No 1, Ashkhabad, 1951,
195.

CXA/EDD/U-5504

1964 1991-1992

Concerning the Problem Involved in the
Equivalence of Effect Exerted by the Rate
and Temperature of Deformation of the Plastic
Deformation Process, by L. Ye. Popov, 17 pp.

RUSSIAN, per, Iz Vysokiykh Ucheb Zaved-
Fizika, No 3, 1958, pp 91-99. 9670175

ATIC MCL-448/1

Sci - Phys

Jul 61

161,342

I Do Not Agree, by M. Popov, *2 p.*

RUSSIAN, per, Znaniye-Sila, No 11, 1957,
pp 37-38.

ATIC MCL-184/1

Sci

Dec 60

NASA TT F-65

National Aeronautics and Space Administration.
MODEL EXPERIMENTS ON ATOMIZATION OF LIQUIDS. (Modellversuche mit flüssigkeitszerstäubung.)
Mintscho Popov. July 1961. 33p. OTS price, \$1.00.
(NASA TECHNICAL TRANSLATION F-65. Translation from Revue de Mécanique Appliquée, v. 1, no. 1, 1956, p. 71-88 (Rumania).)

The purpose of this paper is to determine the similarity laws for the atomization of liquids with constant material properties and to verify them by comparison model experiments. The analyses show that the effect of the viscosity of the gas was very small and that approximate model experiments can be carried out without considering the ratio M of the gas to liquid viscosity, a condition that is difficult to satisfy. The derived and experimentally verified similarity laws permit the modeling of the atomization processes of liquids whereby considerable simplifications in experimental procedure and generalization of the experimental data are made possible.

Copies obtainable from NASA, Washington

- I. Popov, Mintscho
- II. NASA TT F-65
- III. Revue de Mécanique Appliquée, v. 1, no. 1, 1956, p. 71-88 (Rumania)

(Initial NASA distribution:
15. Chemistry, physical;
20. Fluid mechanics.)

NASA

Action of Ammonia on Cycloheptanone in Presence of
a Nickel Catalyst, by M. A. Popov, N. I. Shuykin,
I. F. Belsky, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 7, 1957, pp 858-862.

Consultants Bureau

Sci - Chem

May 59

87,023

Catalytic Amination of Ketones of Various Structures,
by M. A. Popov, N. I. Shuikin, O. I. Baranovskaya,
4 pp.

Full translation.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 1, Jan/Feb 1953, pp 91-95.

Consultants Bureau

Scientific - Chemistry

Aug 54 CTS

17,102

Catalytic Synthesis of Nitriles. Communication 5.
Conversion of Isoalkanols Into Nitriles by
Means of Ammonia, by M. A. Popov, N. I. Shuikin,
3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 10, 1961, pp 1855-1857.

CB

Sci
Jul 62

205,127

On the Qualitative Determination of
Vanadium, by M. A. Popov, 4 pp.

RUSSIAN, per, Zavod Lab, Vol XIII, 1947,
pp 680-682.

AEU Tr-5250

Sci - Chem
Oct 62

212,650

Catalytic Synthesis of Nitriles. Communication 2.
Preparation of Nitriles From Aliphatic Alcohols and
Ammonia, by M. A. Popov, N. I. Shikin, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 11
1959, pp 1992-1998.

CB

Sci -
May 61

153084

Catalytic ~~En~~ Synthesis of Nitriles. Communication

3. Preparation of Aromatic Nitriles, by

M. A. Popov, N. I. Shaikin, 4 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 8, 1960, pp 1451-1456.

CB

Sci

169, 421

Sep 61

Phase Analysis of Dolomitized Gypsaceous Rocks,
by M. A. Popov.

RUSSIAN, per, Zavod Lab, Vol XXII, No 2,
1956, pp 157-160.

Assoc Tech Sv RI-529
\$10.60 (\$1.50)

Sci - Geophysics
Apr 1957 CTS/dex

46,788

Reductive Catalytic Amination of Ketones,
by M. A. Popov, N. I. Shilkin. UNCL

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1951, pp 140-144.

DSIR LIU (loan) M.214

Sri - Chem
May 59

87,892

A Fractional Reaction for Cobalt, by M. A. Popov,
2 pp.

Full tr

RUSSIAN, bimo per, Zhur Anal Khim, Vol XI, No 3,
May/Jun 1956, pp 357-358. CIA 9007075 C, Reel No 64

Consultants Bureau

Sci - Chemistry
Dec 56 CTS

41,405

Catalytic Synthesis of Nitriles. Communication 4. Cyanation of Allyl Alcohol with Ammonia by, M.A. Popov, V.I. Shuikin, 3pp.

RUSSIAN, per, Iz Nk Nauk SSSR, Otdel Khim Nauk, No 4, 1961, pp. 645-648.

CB

Sci
April 62

200,679

Catalytic Synthesis of Nitriles. Communication 1.
"Nitrilation" of Butyl Alcohol with Ammonia in
Presence of Nickel-Alumina Catalysts, by M. A.
Popov, N. I. Shuikin, 5 pp.

RUSSIAN, par, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1958, pp 713-718.

Consultants Bureau

Sci

Apr 60

112,257

Catalytic Amination of Alcohols, by M. A. Popov,
N. I. Shaikin, 6 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, Mar/Apr 1955, pp 308-313. CIA D 151364

Consultants Bureau

Scientific - Chemistry

25,944

M. G. POPOV

The Genus Cicer and Its Species, by M. G. Popov.
RUSSIAN, per, Bull. Applied Botany, Genetics, and
Plant Breeding, Vol 21(1), 1929.

*AFIS TT 71-51032

Dec 71

True Heat Capacities of UO_2 , U_3O_8 , and UO_3 at High
Temperatures, by M. M. Popov, G. I. Gal'chenko, et al,
5 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 8,
1958, pp 1734-1737.

AEC-Tr-4456
~~EEK~~ PL-480

Sci
Jun 62
PST 378

200,157

AEC-tr-4057(p.47-51) Uncl.

ON THE EQUILIBRIUM $UI_4 \rightleftharpoons UI_3 + I$.
M. M. Popov and M. D. Senin. Translated
from Zhur. Neorg. Khim., 2: 1479-81(1957).
French translation available as
CEA-tr-R-597.

C-4 P NSA

Second Japan Conference on
Radioisotopes, Feb 1958

N2-5

Dissociation Pressure of $\text{Li}_2\text{CO}_3 \cdot \text{H}_2\text{O}$ at 25-45°;
by M. M. Popov, Yu. V. Gagarinskiy, N. N.
Stepanenko, 6 pp.

RUSSIAN, per, Zhur Georgan Khim, Vol II, No 7,
1957, pp 1457-1459.

AEC-tr-4057

Sci - Chemistry

Dec 60

PST 89

134, 134

12 850

Fr-1

POPOV M. M., TAZETDINOV F. I.

T₂O vapor pressures

Tensions de vapeurs du T₂O

Atomnaya Energ., 8, No. 5, 420-424 (1960)

R. 1096 - French

Abs.: NSA, 14, No. 4, ref. 16637 (1960) - English

E u r a t o m

On the Equilibrium $U_4^{+} \rightleftharpoons U_3$ I, by M. M. Popov,
5 pp.

RUSSIAN, per, Zhur Naorgan Khim, Vol II, No 7,
1957, pp 1479-1481.

ARC-tr-4057

Sci - Chemistry

Dec 60

134,123

PST 8h

Specific Heats and Heats of Fusion of UCl_4 and
 U_4 and Heat of Transformation of U_4 , by
M. M. Popov, G. L. Gal'chenko, M. D. Senin,

RUSSIAN, *Per. Zhur Neorg Khim*, Vol IV, No 6,
1959, pp 1241-1245.

Cleaver-Hume Press Ltd.
London

Sci - Chem
Jan 60

106,330

Enthalpy of Formation of Beryllium Fluoride, by
V. P. Kolesov, M. M. Popov, S. M. Skuratov,

RUSSIAN, per, Zhur Neong Khim, Vol IV, No 6,
1959, pp 1233-1236.

Cleaver-Hume Press Ltd.
London

Sci-Chem
Jan 60

106,326

A Propos De L'Equilibre $U_1 \rightleftharpoons U_1 + 1$.
 (The Equilibrium $U_1 \rightleftharpoons U_1 + 1$), by N. M.
 Popov, M. D. Senin (Senine), 8 pp.

FRENCH from RUSSIAN, per, Zhur Neorg Khim, Vol II,
 1957, pp 1479-1481.

Reverse Translation
 AEC/CRA-Tr-R597

The Use of Angiocardiography in Physiological Ex-
periments, by M. M. Popov, P. K. Klimov, 1 pp.

RUSSIAN, par, Byul Eksper Biol i Med, Vol L, No 12,
1960, pp 108-110.

CB

Sci
Jul 61.

161,940

The Heat Capacity of Aqueous Solutions of Phosphoric
Acid, by M. M. Popov, N. N. Fedodos, S. M. Skuratov,
14 pp.

RUSSIAN, per, Trans Sci Inst Fertilizers, and Insecto-
fungulicides, SSSR, No 110, 1933, pp 23-34.

SLA/R-2490

Sci
Apr 59

84,893

Treating Waelz-Oxides at a Non-Ferrous Metals
Combine in Plovdiv (People's Republic of
Bulgaria), by I. T. Iordanov, M. Z. Popov,
et al, 8 pp.
RUSSIAN, per, Tsvetnye Metally, Vol IV, No 1,
1963, pp 23-29.
Primary Sources

Sci

Aug 64

264,423

New Method for the Collection of the Albomycin
Producing Organism, by G. F. Gause, G. V. Basmakova,
O. L. Popova.

RUSSIAN, per, Antibiotiki, Vol I, No 1, 1956,
pp 18-20. CIA 903752

UNDA

Sci - Medicine
Mar 59

83,528

Luminescence of Different Types of Luminophors Under
Excitation by Short Pulses (A), by A. A. Bundel¹,
M. r. Popov and Ye. A. Chizhunova, 2 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXI,
No 4, 1957, pp 555, 556.

Columbia Tech

Sci - Phys

Jul 58

67,451

Hodoscope Based on Pulse Powered Small Diameter
Counters, by A. G. Morozov, K. G. Nekrasov,
M. I. Popov, 5 pp.

RUSSIAN, per, Prib i Tekh Eksper, No 5, 1959,
pp 64-67.

Instru Soc of Amer

Sci
Aug 60

122,269

Specific Heat of Na_2CO_3 , and NaOH at High Temperature
by M. M. Popov, D. A. Ginzburg, 12 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVI, No 4,
1956, pp 971-980.

Assoc Tech Serv 23J163
\$7.50

Sci.
Aug 58

68,882

The Determination of the True Specific Heat of Solid
Materials at Low Temperatures, by M. M. Popov, V. P.
Kolesov, 8 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 9,
Sep 1956, pp 2385-2392.

Consultants Bureau

Sci - Chemistry
Feb 58

58,928

Heats of Formation of PuO_2 and U_3O_8 , by M.M.
Popov, M.I. Ivanov, 6 pp.

RUSSIAN, per, Atomnaya Energiya, Vol II, 1957,
No 4, pp. 360-363.

Consultants Bureau

Sci + Nuc Phys

Jun 58

65,032

The Vapour Pressure of T_2O , by M. M. Popov,
F. P. Tazetdinov, 8 pp.

RUSSIAN, per, Atom Energ, Vol VIII, 1960,
pp 420-424.

AEC NP Tr-534

Sci - Phys
May 61

150,377

Investigation of Mixed Crystals, III, by M. M.
Popov, S. M. Skuratov, Z. N. Nikonova

RUSSIAN, no per, Zhur Obshch Khim, Vol X, 1940,
pp 2017-2022.

AEC Tr 2348

Scientific - Chemistry
Jan 56 CTS

29,742

Tension de Vapeur du Tetrafluorure d'Uranium,
(Vapor Pressure of Uranium Tetrafluoride), by M. N.
Popov, F. A. Kostylev, N. V. Zubova, 8 pp.

RUSSIAN to FRENCH, per, Zhur Neorgan Khim, Vol IV,
1959, pp 1708, 1709.

Reverse Trans
CEA Tr-R-1132

Sci
Jun 61

Specific Heat of Na_2CO_3 , Na_2SO_4 and NaOH at
High Temperatures, by N. M. Popov, D. M. Gineburg,
22 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 4,
Apr 1956, pp 971-980.

Consultants Bureau

43,641

Sci - Chemistry
Feb 1957 CTS/dex

Heat of Formation of Uranyl Fluoride and Heat of
Reaction of Uranium Hexafluoride and Tetrafluoride
With Water, by M. N. Popov, P. A. Kostuliev,
T. V. Karpova, 7 pp. UNCLASSIFIED CIA-9049974

RUSSIAN, per, Zhur' Georgan Khim, Vol II, No 1,
1957, pp 9-12.

Sci Eng Lib Tr 58/0090

AEC Tr 4051

Sci - Chem
Sop 58

PL-480

PST-78

73.356

Latent Plastic Deformation Energy of Aluminum
and Copper Alloys, by N. M. Popov, E. N.
Tikhonina, E. M. Shurakov, E. N. Malinina, 9 pp.

RUSSIAN, pub, Fiz Metal i Metallov, Vol VIII, No
1959, pp 103-114.

PP

Sci
Oct 60

132, 655

The Average β -Particle Energy and Decay Constant of
Tritium by M. N. Popov, Yu. V. Gagarinskiy, M. D.
Senin, I. P. Mikhaleenko, Yu. M. Morozov, 3 pp

RUSSIAN, per, Atom Energ, Vol IV, No 3, 1958, pp 296-
297

Sci - Nuclear Phys

Feb 59

80,903

Determination of the True Specific Heat of Powdered
Substances at High Temperatures, by M. M. Popov,
G. L. Galchenko, 15 pp.

Full translation.

RUSSIAN, per, Zhur Obshch Khim, Vol XXI, No 12,
Dec 1951, pp 2827-2839. *UFA D 182342*

0208-2235

Consultants Bureau

SLA-R-2555

USER

Scientific - Chemistry, substances, temperatures

1949

Investigations on Lipoxidases in Grain Crops in
Relation to the Problem of Rancidity in Grains,
by M. P. Popov, D. A. Chelisev.

RUSSIAN, per, Biokhimiya Zerna. Zhurnal, No 5,
1960, pp 263-279.

CB/221

Sci. Biol.

246, 134

Oct 63

(SF-1857)

Machining Qualities of Some Romanian High-Speed Steels, by M. P. Popov, B. D. Deciu, I. Mitrica, 14 pp.

ROMANIAN,
~~RUSSIAN~~, per, Metalurgia de Masini, Vol XIII,
No 3, 1961, pp 212-217.

JPRS 13266

EBur - Rumania
Econ
Apr 62

190,668

Investigations on Lipoxidases in Grains Crops in
Relation to the Problem of Rancidity in Groats., by
M.P. Popov, D.A. Chelceev.
RUSSIAN, per Biokhim. Zerna, Vol. 5, 1960, pp 263-279.
NLL/M. 5173

M P. Popov

Sci -
July 1967

4
33-653

Isothiocyanonitro- and Isothiocyanohalo-~~NOES~~ Bis-
Dimethylglyoximicobaltic Acids, by A. V. Ablov, N. M.
Samuc, and M. S. Popov, 4 pp.

Full tr

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CVI,
No 3, 1956, p 665.

4

41,499

Consultants Bureau

Sci - Chemistry
Dec 56 CTB

Nee for Improvement of Tractor-Mounted Farm Equipment,
by N. Popov, 5pp
RUSSIAN, per, Tekhnika v Sel'skom Khozyaystve, No 8,
August 1964, pp 56-58
JPRS 27395

USSR
Hco
Jan 65

271,117

Methods for Capital Improvement of Navigation Conditions
in the Kama Basin, by N. Kuznetsov, 7 pp.
RUSSIAN, par. Railway Transport, No 8, 1963, pp 36-39.

ACN 1-110
ED 2100100701

1132
Recd
Mar 64

231,841

Some Observations on the Problem of the Cervical Rib
Syndrome, by N. Popov, J. Balancio, 10 pp.

SERBO-CROATIAN, per, Lijecknicki Vjesnik, Vol LXXXIV,
No 10, 1962, pp 1011-1020.

OTS 62-11763/10
PL-480

Sci - Biol. & Med Sci
Jan 64

248,707

COOPERATION OF CMEA COUNTRIES IN POWER DEVELOPMENT
BY A. POPY, 9 PP.

RUSSIAN, PER, MINGVATL EKONOMIKA I NEKHODIMAROVNIYA
OTKROSDENIYA, NO 9, SEPT 1963, PP 100-105.

JPRS 21787

USSE
ECON
NOV 63

201,563

Material Recipients for Production Plans, by M. FIGHT, 9 pp.
LISHAN, per, PIANOWOY Khor, No 11, 1900, pp 48-50.

JPRS 22480

1-Agr
in 64

245, 410

(NY-6751)

Epidemic Nephritis in Bulgaria, by
A. Pukhlev, A. Astrug, N. Popov, et al,
14 pp.

RUSSIAN, per, Klin Med, Vol XXXIX,
No 8, pp 57-65.

JPRS 11156

Sci - Med
Dec 61

7
172, 112

The Physical Training of the Flight Personnel, by
N. Popov, 4 pp. UNCLASSIFIED

RUSSIAN, per, Vestnik Vozdushnogo Flota, No 3,
Mar 1954, pp 44-47; Encl to AFOIE-1A1-83 347-54,
3 Nov 1954. CIA D 111959.

AF 640976

20,523

Scientific - Aeronautics

Jan 55 CTB/DEX

(FDD 21924)

Psychophysiology - Contribution to the Study of Man's Cortical Functions by the Method of Electro-cortical Conditioned Reflexes. V. Second Signal System, by N. Popov, C. Popov, 5 pp.

FRENCH, wk per, Comptes Rendus - Hebdomadaires des Sciences de l'Academie des Sciences, No 21, Vol CCXXXVIII, Paris, 24 May 1954, pp 2118-2120.

USSR

Sci - Medicine, physiology

CIA/FDD/U-6397

18,208

25
Records of the Continental Expedition into
Region of the Amazon, by M. A. Pagan,
EL PASO, Tex., November 1 1930, No 10/11,
1930.
ACIC

Sci-North Sci & Astron
April 61

234,809

On the Semiannual and Semimonthly Nutational
Terms in the Variations of the Latitude of
Poltava, by N. A. Popov, 7 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVI, No 1,
1959, pp 164-171.

AIP
Vol III, No 1

Sci - Astron

Oct 59

100,182

Popov, N. A.

THE ORGANIZATION OF AZIMUTH OBSERVATIONS
AT POLTAVA. 10 Oct 63, 21p (figs omitted) 18refs
FTD-TT-62-959 (p. 447-467)

Order from OTS, SLA, or ETC \$28.50 in TT-64-13176
(p. 447-467)

Unedited rough draft trans. from mono. Astrometri-
cheskaya Konferentsiya SSSR (no. 14) Kiev,
27-30 May 58. Trudy, Moscow, 1960.

DESCRIPTORS: *Astronomical geodesics,

(Earth Sciences--Geodesy, TT, v. 11, no. 5)

TT-64-13176 (p. 447-467)

I. Popov, N. A.

II. FTD-TT-62-959
(p. 447-467)

III. Foreign Tech. Div.,
Air Force Systems
Command, Wright-
Patterson AFB, Ohio

Office of Technical Services

Transfer of Ignition Energy to a Gas Mixture From
a Discharge Caused by Opening a Circuit, by N. A.
Popov, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 1,
1960, pp 105-109.

AIP
Sov Phys - Tech Phys
Vol V, No 1

Sct
Aug 60

124,505

Investigation at Low Gas Pressure of an Intermediate
Frequency Discharge Occurring Between High
Frequency and Low Audio Frequency Discharges, by
N. A. Popov, N. A. Kaptsov, 8 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXX,
No 1, Jan 1956, pp 68-76.

Amur Inst of Physics
Vol III, No 2
Soviet Physics, JETP

46, 481

Sci - Physics
Apr 57 CTE

The Motion of a Gas Under the Action of a
Pressure on a Piston, Varying According to a
Power Law, by V. B. Adamskiy and N. A. Popov,
14 pp.

RUSSIAN, per Prikl Matemat i Mekh, Vol XXIII,
No 3, 1959, pp 564-573.

Pergamon Press

Sci

Feb 60

107,335